

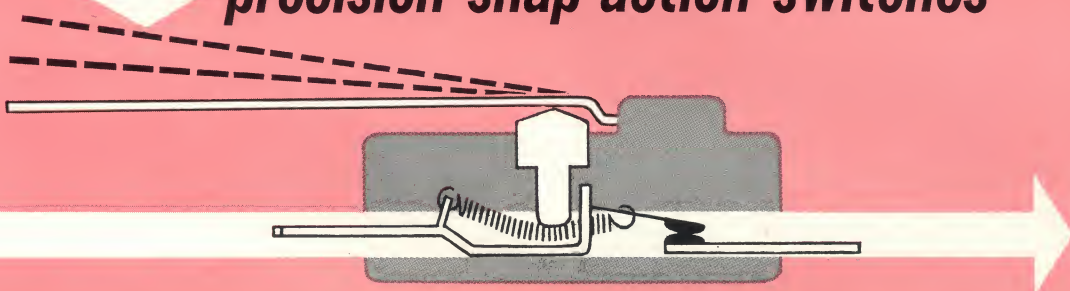
CHERRY ENGINEERING

a concept you can depend on

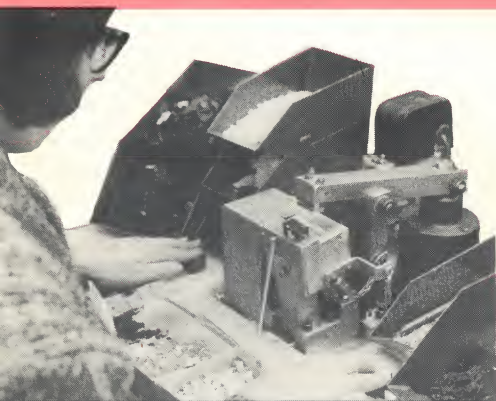
Coil spring actuated snap action with additional overtravel is a Cherry exclusive feature proven in thousands of products employing over 37 million Cherry switches. Cherry engineering service includes basic design, electrical and mechanical research, and application engineering.

THIS IS CHERRY

precision snap-action switches



CHERRY ELECTRICAL PRODUCTS CORPORATION, HIGHLAND PARK, ILLINOIS



CHERRY MANUFACTURING

specialization that results in quality

An entire company devoted *entirely to one product*—switches.

This specialization means thorough application analysis . . . efficient, reliable assembly of switches . . . automated testing techniques . . . faster service.



CHERRY SNAP ACTION SWITCHES

*insure
the dependability
of your product*

*Snap action begins
with the Cherry spring*

Cherry switches all have a unique feature . . . a stainless steel coil spring . . . precision made to extend and retract, extend and retract, over and over again, with no undue strain at any point. Coil spring construction eliminates the fracture points inherent in stamped blades or flat springs; coil spring switches last far longer, maintain repeatability of operating point, have greater overtravel.

**7 basic switch types
7,000 variations**

Only a few of the basic switches are shown here . . . each can be varied to fit most applications. Existing dies for hundreds of actuator shapes are modifiable to provide a wide choice. Cherry gives you application-engineered switch designs with all the economies of mass production.

Contact the Cherry technical man near you — or send for a catalog of engineering drawings and specifications on the complete Cherry snap-action switch line.

SUBMINIATURE SWITCHES

High overtravel (.040 min.) for easier adaptation to your product. Integral hinged actuators in standard and high lever ratios. Choice of deep well solder, solder, or quick connect terminals.

Electrical Rating —

10.1 amps, 125-250 vac. Also light force E61 Series, 5 amps, 125/250 vac.

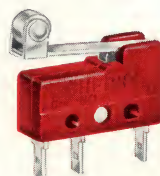
$\frac{3}{32}$ " x $\frac{1}{32}$ " x $\frac{1}{4}$ " switch body.



E62-20A, Basic Switch



E62-10H, Lever Actuator



E62-00K, Roller Actuator

MINIATURE SWITCHES

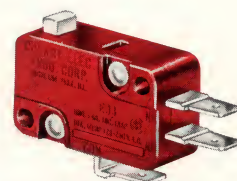
With high overtravel (.050 min.) characteristic of Cherry switches. Integral hinged actuator available in various forms, lengths. Quick connect, screw or solder type terminals.

Electrical Rating —

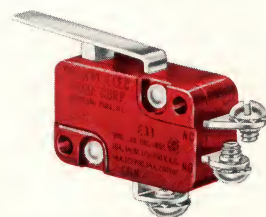
10 amps, $\frac{1}{2}$ H.P., 125-250 vac. Also light force E23 Series, 5 amps, $\frac{1}{4}$ H.P., 125-250 vac. Operating force less than 2 oz. maximum on extended lever version.

For high capacity, specify E34 Series. 15 amps, $\frac{1}{2}$ H.P., 125-250 vac.

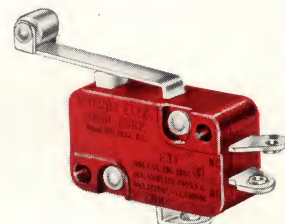
$1\frac{1}{2}$ " x $\frac{5}{8}$ " x $\frac{1}{32}$ " switch body.



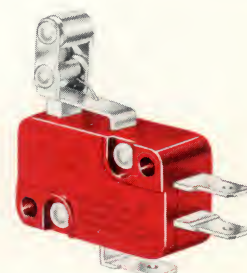
E33-00A, Basic Switch



E33-60H, Extended Lever Actuator



E33-70K, Extended Roller Actuator



E33-00P, One-Way Action

GENERAL PURPOSE SWITCHES

A rugged switch with extra overtravel — from .080 min. (Series E19) to .100 min. (Series E13). Double pole version is actually two switches in one compact case. Combination solder and quick connect terminals.

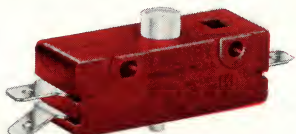
Electrical Rating —
15 amps., 125-250 vac — $\frac{3}{4}$ H.P.,
125 vac — $1\frac{1}{2}$ H.P., 250 vac.

BASIC

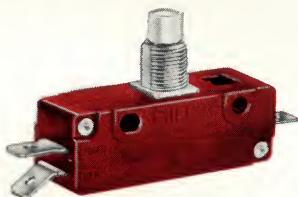
SERIES E13 — $1\frac{1}{16}$ " x $\frac{1}{4}$ " x $\frac{1}{4}$ "
switch body.



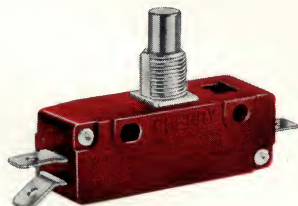
E13-00E, Basic Switch



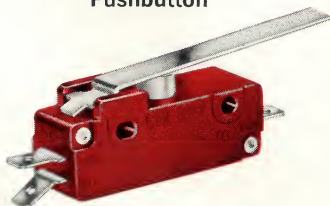
E13-00R, Reset Type



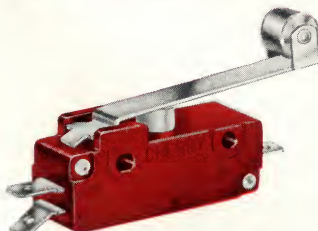
E13-00J, Push Button



E13-00M, Overtravel Pushbutton



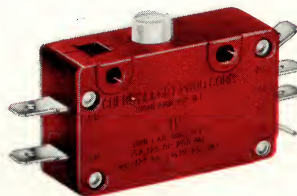
E13-00H, Lever Actuator



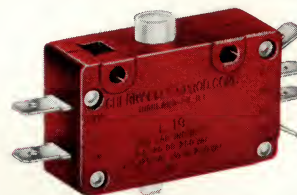
E13-00K, Roller Actuator

DOUBLE POLE

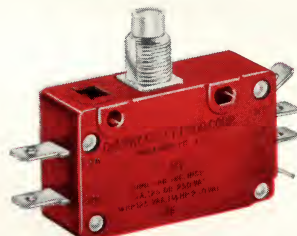
SERIES E19 — $1\frac{1}{16}$ " x $1\frac{1}{8}$ " x $\frac{1}{4}$ "
switch body.



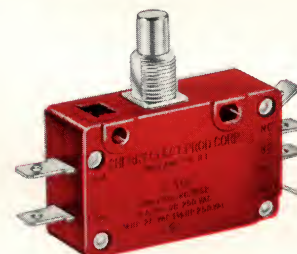
E19-00A, Basic Switch



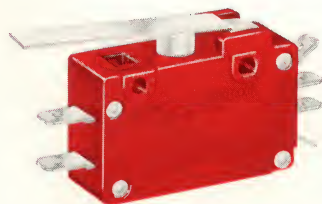
E19-00R, Reset Type



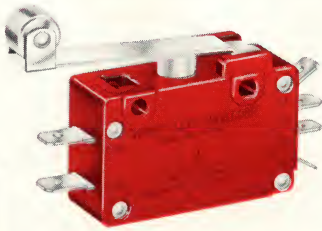
E19-00J, Push Button



E19-00M, Overtravel Pushbutton



E19-00H, Lever Actuator

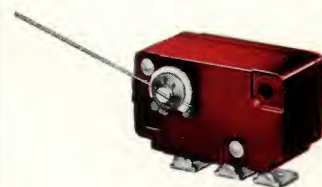


E19-00K, Roller Actuator

FEATHER TOUCH SWITCHES

Operates on forces as light as 4.0 inch grams maximum, clockwise or counter-clockwise. Choice of either Q.C. (.187 x .020) or combination Q.C. and solder (.205 x .032) terminals.

Electrical Rating—5 amps, 250 vac.



E51-00E-BASIC

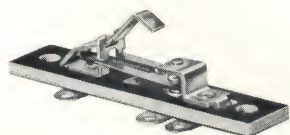
$1\frac{1}{32}$ " x $\frac{1}{16}$ " x $\frac{3}{16}$ " switch body.

OPEN SWITCHES

Open Switches are available with many actuator forms, operating characteristics, forces and panel configurations. Ideal switches for cam follower actuation and for ganging. Three terminals: flat solder; integral solder; quick connect.

Electrical Rating —
10 amps, 125 vac.
5 amps, 250 vac.
 $\frac{1}{3}$ H.P. 125/250 vac.

Also light force S23 Series, 5 amps.
 $\frac{1}{6}$ H.P., 125 vac.



S25-00T, Basic Switch

$2\frac{1}{8}$ " x $\frac{3}{16}$ " x $\frac{3}{16}$ " switch panel.
Overtravel, from .040 minimum.



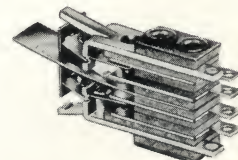
S30-50W, Miniature

$1\frac{1}{16}$ " x $\frac{3}{32}$ " x $\frac{3}{4}$ " switch panel.
Overtravel, from .040 minimum.

STACK SWITCHES

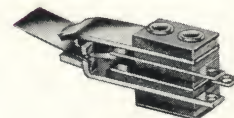
Both types available in momentary contact or reset action. For eyelet mounting.

Electrical Rating —
All rated at $7\frac{1}{2}$ amps, 125 vac —
5 amps, 250 vac — $\frac{1}{3}$ H.P., 125-250 vac.



S36-40E, Double Pole

$\frac{1}{2}$ " x $\frac{5}{16}$ " x $\frac{3}{16}$ " switch stack.

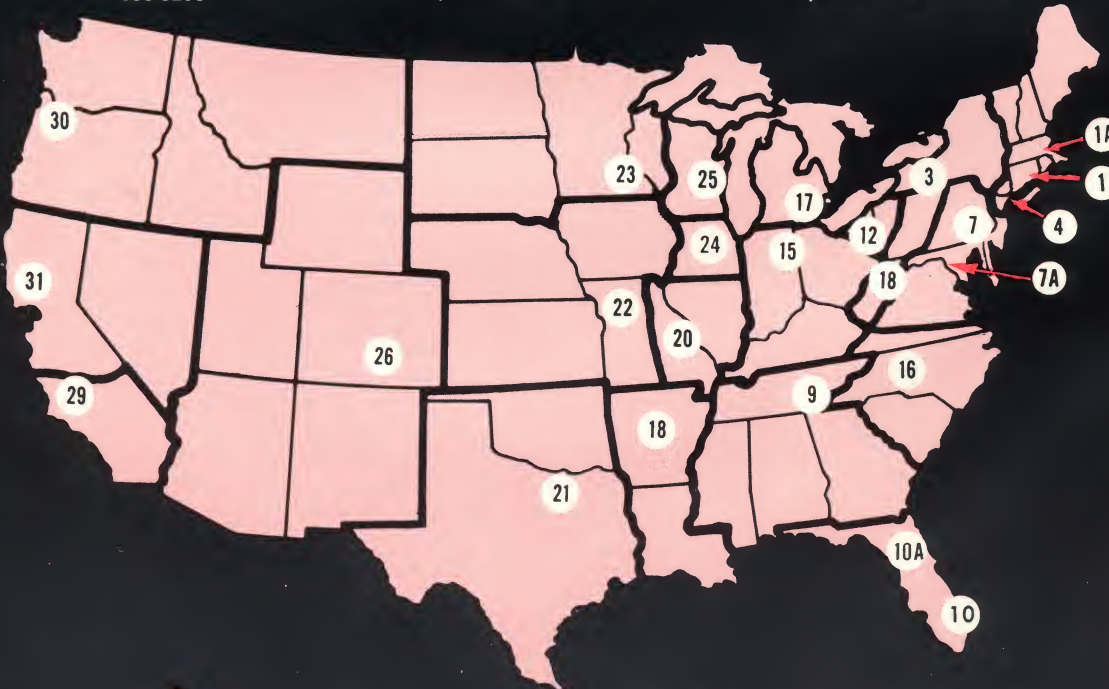


S37-10E, Single Pole

$\frac{1}{2}$ " x $\frac{3}{16}$ " x $\frac{3}{16}$ " switch stack.

CHERRY *everywhere in the U.S.A.*

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